

Senior Structural Engineer

Company Overview

Kerkhoff Engineering Ltd. has been providing structural consulting services since 2004. With more than 20 years of experience, we specialize in the structural design of large commercial and industrial precast and tilt-up concrete building systems throughout Western Canada. Our diverse team works closely with architects, contractors, and precast manufacturers to deliver practical, efficient, and innovative structural design solutions. From preliminary 3D renderings and BIM modeling to complete structural steel and precast panel design, we provide comprehensive engineering services throughout every stage of a project.

As the precast industry continues to grow, we are seeking experienced professionals who are passionate about technical excellence, leadership, and delivering innovative structural solutions while building long-term careers within a collaborative and growing team.

Position Summary

In this role, you will be responsible for the analysis, design, coordination, and construction review of various commercial and industrial structures, with projects primarily comprising of precast concrete wall panels, steel roof, and interior structures.

As a senior member of our team, you will provide technical leadership, oversee project execution, mentor staff, and serve as a key contact for clients, contractors, and project stakeholders. This position is an excellent opportunity for a result-driven professional who values innovation, collaboration, and high standards of design excellence.

Education and Professional Requirements:

- BaSc in Civil Engineering at a Canadian Accredited University with a focus on structural engineering.
- Registered Professional Engineer (P. Eng) in good standing with EGBC or APEGA .
- Minimum 8+ years of structural design experience, preferably involving commercial and industrial building projects.
- Strong knowledge of Part 4 of the BC Building Code and applicable Canadian design standards.
- Working knowledge of current steel, wood, concrete design codes.
- Proficiency in Revit and structural analysis tools.
- Commitment to ongoing professional development through courses such as SEABC or equivalent.
- Valid BC or AB drivers license and access to a reliable personal vehicle.
- Experience in precast concrete design and steel structures is an asset.

Skills & Attributes:

- Excellent written and verbal communication skills in English.
- Strong attention to detail and commitment to engineering quality.

- Practical understanding of constructability and efficient structural design.
- Exceptional analytical, organizational, and problem-solving abilities.
- Ability to work both independently and collaboratively within multidisciplinary project teams.
- Client-focused with a proactive and professional approach.

Key Responsibilities:

- Perform structural design calculations, peer reviews, and provide technical guidance on complex structural challenges.
- Provide direction and Bluebeam/pdf drafting mark ups to the drafting department.
- Review shop drawings for structural components of building systems including roof decking, structural steel, roof and floor trusses, etc.
- Conduct construction site reviews, prepare field reports, and resolve on-site structural issues.
- Develop detailed drawings and specifications using Revit and structural analysis software.
- Collaborate effectively with architects, contractors, and other engineers to ensure accurate project execution.
- Ensure compliance with industry standards, local building codes, and industry best practices.
- Contribute to continuous improvement initiatives, technical standards, and engineering processes within the company.

Compensation:

Annual salary \$115,000 - \$140,000.

Compensation will be based on experience, qualifications, professional designation, and demonstrated technical expertise.

Benefits:

We believe our people are our greatest asset and are committed to supporting both professional and personal growth.

Our benefits include:

- Comprehensive extended health and dental benefits.
- Company funded professional development opportunities.
- Support for professional memberships.
- Clear opportunities for career advancement and technical leadership.
- Collaborative and supportive team environment
- Growth opportunity to lead specialized structural projects

Join Our Team

If you're looking to build a rewarding career with a respected structural engineering firm that values technical excellence, collaboration, and continuous growth, we'd love to hear from you.

Please submit your resume and cover letter by email to info@kerkhoffeng.ca or deliver your application in person.

We thank all applicants for their interest; however, only those selected for an interview will be contacted.